

To: Bruce B.  
cc: Dave W., Bob B.

OSA - 2291-67

Subject: Progress Report  
Contract No. DC-1501  
16 April thru 15 May 1967

1. R&D Effort

1.1 Thermal Balance Analysis  
PPA vs. Cockpit Environment

No further information has been received from the field. This item has been put in a hold status until further notice.

1.2 Supplemental Thermal Protection

No activity to report. We are still awaiting further information from the field on the constant flow helmet.

1.3 Auxiliary Flotation Gear

This item has been put in a hold status per instructions from Bruce B.

1.4 Increase of Suit Flotation

The integration of a prototype undersuit flotation unit into the 5-4 PPA has been completed.

We are now awaiting further instructions from Bruce B.

1.5 Flotation Garment Relief Valve

A two (2) psi relief valve has been installed in the 5-4 PPA.

1.6 Life Raft

One (1) each open end raft with a single floor design and one (1) each raft with an inflatable floor were shipped to  for evaluation on 19 April 67.

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1.6 Life Raft (cont'd)

STAT  personnel water tested and evaluated the two (2) rafts. The consensus of opinion among the test personnel confirmed that the open end raft with the inflatable floor was an improvement over the present operational raft and was acceptable.

The rafts were returned to these facilities on 8 May 67 to await an open sea evaluation program.

We are now awaiting further instructions from Bruce B.

1.7 Heated Glove Development

An electrically heated glove was fabricated and subjectively tested in a cold chamber. Preliminary results were very satisfactory although further testing is desirable.

This item is presently on a hold status. Additional funding is required for further effort.

1.8 Study of Helmet Shell Protective Features

No further activity to report during this reporting period.

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ITEMS REMAINING TO BE DELIVERED 15 May 1967

New Equipment and Spare Parts Approved For Release 2003/03/10 : CIA-RDP75B00285R000300160018-3  
Contract No. DC-CT-1503

JAR-856-1979

7 June 1967

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<u>Purchase Request No.</u>	<u>Customer</u>	<u>Description</u>	<u>Estimated Delivery Date</u>
PR-GN-67-11-16-031	1	For GN ACS1438 Coverall, S/N 1045-4: 1 each GN ACS2216 and 2217 Hose Assy	26 May 1967
PR-GN-67-10-04-020	1	For GN S970 PPA, S/N 1055: #2 1 each GN ACS1225, 1226, 2212, 2213, 2216 and 2217 Hose Assy For GN S970 PPA, S/N 1056: #1 1 each GN ACS1438 Coverall 1 each GN ACS2212 and 2213 Hose Assy #2 1 each GN ACS1225, 1226, 2212, 2213, 2216 and 2217 Hose Assy	26 May 1967  Held til #2 approved 26 May 1967 ACS2212 1 Sept. 1967 ACS2213 26 May 1967
PR-GN-67-10-17-025	1	For GN S970 PPA, S/N 5: 1 each GN ACS 1225, 1226, 2212, 2213, 2216 and 2217 Hose Assy	26 May 1967
PR-GN-67-02-23-048	2	3 each GN ACS188-2L Boot, Neoprene	2 each 19 May 1967 1 each 5 June 1967
PR-GN-67-03-13-054	2	12 each GN ACS1458-1 Bladder, Relief with Suspensory 12 each GN ACS1458-2 Bladder, Relief with Suspensory	Part 15 May - Bal 16 June 1967 Part 15 May - Bal 16 June 1967
PR-GN-67-03-22-057	2	3 each GN 10012G01 Valve Assy Kit, L/H Bearing	30 June 1967
PR-GN-67-03-29-060	2	6 each GN P6128 Ring, Relief Bladder 6 each GN ACS2160-1 Nozzle, Entry (med) 6 each GN ACS2160-2 Nozzle, Entry (large)	5 June 1967 5 June 1967 5 June 1967
PR-GN-67-03-24-059	2	6 each GN A2675 BiLock Assy 10 each GN A2643-1 Hose Assy, O <sub>2</sub> System 10 each GN A2643-2 Hose Assy, O <sub>2</sub> System	19 May 1967 26 June 1967 26 June 1967

## ITEMS REMAINING TO BE DELIVERED 15 May 1967

New Equipment and Spare Parts

Contract No. DC-CT-1503

Approved For Release 2003/03/10 : CIA-RDP75B00285R000300160018-3

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<u>Purchase Request No.</u>	<u>Customer</u>	<u>Description</u>	<u>Estimated Delivery Date</u>
PR-GN-67-04-06-062	2	11 ea GN ACS188-4R Boot, Neoprene 6 ea GN ACS188-5R Boot, Neoprene	Part 5 June - Bal 19 June 1967 19 June 1967
PR-GN-67-04-05-061	2	50 yd GN P2577 Cotton, Visor Cleaning 18 ea GN ACS1408-3R Bladder, Glove 11 ea GN ACS1408-1L Bladder, Glove 11 ea GN ACS1408-1R Bladder, Glove	26 May 1967 19 June 1967 19 June 1967 19 June 1967
PR-GN-67-04-12-063	2	6 gl GN P7843 Reducer, Primer 10 ea GN ACS1408-10L Bladder, Glove 10 ea GN ACS1408-10R Bladder, Glove 10 ea GN ACS1408-11L Bladder, Glove 10 ea GN ACS1408-11R Bladder, Glove 10 ea GN ACS1408-12L Bladder, Glove 10 ea GN ACS1408-12R Bladder, Glove 15 ea GN ACS188-3L Boot, Neoprene	22 May 1967 19 June 1967 19 June 1967 19 June 1967 19 June 1967 19 June 1967 19 June 1967 19 June 1967
PR-GN-67-04-20-065	2	1 ea GN P-A7066 Plunger, Ball 200 ea GN P4521 "O" Ring	19 May 1967 5 June 1967
PR-GN-67-04-14-064	2	250 ea GN P8239 CO <sub>2</sub> Cylinder 6 ea GN A2639-2 Hose Adapter Assy 300 ea GN P7834 Screw, Thumb, Knurled 5 ea GN 10425G09 Shell, F/P Glove 5 ea GN 10425G10 Shell, F/P Glove	6 July 1967 26 June 1967 16 June 1967 19 June 1967 19 June 1967
PR-GN-67-05-01-066	1	2 ea GN ACS-C2312 Face Mask, Modified	22 May 1967

ITEMS REMAINING TO BE DELIVERED 15 May 1967

Repair and Modification  
Contract No. DC-TM-1504

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7 June 1967

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<u>Work Order No.</u>	<u>Customer</u>	<u>Description</u>	<u>Estimated Delivery Date</u>
W/O-GN-67-12-13-013	1	Receiving & Shipping Record Purposes Only 5 Items received and to be replaced (For GN S970 PPA, S/N 1055 and 1056, PR-GN-67-10-04-020)	Part 25 May 67 Balance upon receipt from supplier
W/O-GN-67-01-19-016	1	Receiving & Shipping Record Purposes Only: 1 ea GN ACS1621 Helmet, Ser. No. 251 ) 1 ea GN A2840 Counterbalance Spring Assy)	Evaluation complete. Require confirmation to restore to flight status.
W/O-GN-67-03-02-020	1	Receiving & Shipping Record Purposes Only: 1 ea GN ACS1438 Coverall with Experimental) Flotation Collar, S/N 5-4 ) 1 ea GN ACS880R Helmet, S/N 5-2 )	Awaiting test schedule.
W/O-GN-67-04-07-022	1	To be repaired: 5 ea GN ACS1208 Altimeter, Indicator 1 ea GN P6178 Valve, Exhalation	16 June 1967 9 June 1967
W/O-GN-67-04-26-025	2	To be repaired: 40 ea GN A2282 Helmets	6 weeks after receipt of helmets.
W/O-GN-67-05-01-026	2	To be modified to GN 10717G01 configuration: 1 ea GN P7486 Piston, Outer	12 June 1967